

ART 34 AMDT

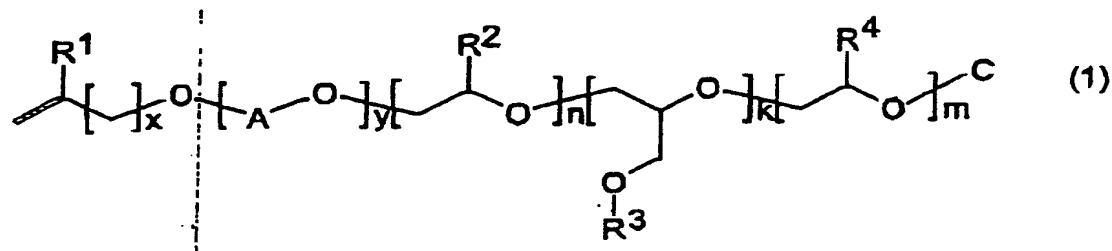
Amended patent claims PCT/EP03/08463

10/525151
2002DE429 PCT
DT01 Rec'd PCT/PTC 18 FEB 2005

Claims:

1. A copolymer made of alkylene oxides and glycidyl ethers according to formula (I)

5



in which

R^1 is hydrogen or a C_1 - C_4 -alkyl radical,

10 R^2 and R^4 are hydrogen or an alkyl or aryl radical having 1 to 30 carbon atoms,

R^3 is an alkyl or aryl radical having 1 to 50 carbon atoms which may also contain heteroatoms,

A is an alkylene unit having 2 to 6 carbon atoms,

15 x is 0 or 1,

y is a number from 0 to 10,

n is a number from 0 to 100,

k is a number from 1 to 100,

C is an acid group or hydrogen, and

20 m is a number from 1 to 500,

with the proviso that $(y+n)$ must be at least 1.

2. A copolymer as claimed in claim 1, in which C is the radical of a dibasic or tribasic acid.

25

3. The use of copolymers as claimed in claim 1 and/or 2 as polymerizable emulsifiers in emulsion polymerization.